National Critical Technologies List

Energy

Energy Efficiency
Energy Storage, Conditioning, Distribution and Transmission
Improved Generation

Environmental Quality

Monitoring and Assessment
Pollution Control
Remediation and Restoration

Information and Communications

Components
Communications
Computer Systems
Information Management
Intelligent Complex Adaptive Systems
Sensors
Software and Toolkits

Living Systems

Biotechnology
Medical Technologies
Agriculture and Food Technologies
Human Systems

Manufacturing

Discrete Product Manufacturing
Continuous Process Manufacturing
Micro/Nano Fabrication and Machining

Materials

Materials
Structures

Transportation

Aerodynamics
Avionics and Controls
Propulsion and Power
Systems Integration
Human Interface

For an explanation of how the NCTL was developed, please click <u>*here.*</u>